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1 Design of heterogeneous ICs for mobile and personal communication systems

Gert Goossens, Ivo Bolsens, Bill Lin, Francky Catthoor

November 1994 **Proceedings of the 1994 IEEE/ACM international conference on Computer-aided design**

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Mobile and personal communication systems form key market areas for the electronics industry of the nineties. Stringent requirements in terms of flexibility, performance and power dissipation, are driving the development of integrated circuits into the direction of heterogeneous single-chip solutions. New IC architectures are emerging which contain the core of a powerful programmable processor, complemented with dedicated hardware, memory and interface structures. In this tutorial we will d ...

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